



Declaration of Conformity

(DIRECTIVE 2014/35/EU [Low Voltage Directive])

(DIRECTIVE 2014/30/EU [EMC Directive])

Document code: 3ADW000478R0401

We, **ABB AG**
Wallstadter Str. 59
D-68526 Ladenburg, Germany

herewith declare under our sole responsibility, that the product series

DCS 880 Converter Module (see Appendix)

to which this declaration relates, is a BDM / CDM according EN 61800-1:1998

It is in conformity with the Low Voltage Directive (LVD) 2014/35/EU and the EMC Directive (EMCD) 2014/30/EU, provided that the equipment is selected, installed and used according our instructions.

Following European standards have been applied:

- EN 61800-5-1:2007+A1:2017+A11:2021
Adjustable speed electrical power drive systems –
Part 5-1: Safety requirements – Electrical, thermal and energy
- EN IEC 61800-3:2018
Adjustable speed electrical power drive systems –
Part 3: EMC requirements and specific test methods

Year of CE-marking: 2016

The product referred in this Declaration of Conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declaration of Conformity, see 3ADW000484.

Ladenburg, 01.12.2023

i.V. Jörg Felten
Head of Global Center DC-Drives
Motion, Germany

Digitally signed
by Andreas
Deffaa

i.V. Andreas Deffaa
Head of R&D DC-Drives
Motion, Germany

This declaration does not express any assurance of characteristics.
Installation and safety instructions mentioned in our installation manual must be obeyed.
The conformity was tested in a typical configuration.



Appendix A

Rev. A

with reference to ABB Declaration of Conformity, document code:
3ADW000478R0401

The product series **DCS880 Converter Module** fulfills the requirements of

- the Low Voltage Directive (LVD) 2014/35/EU (valid from 20.04.2016) and
- the EMC Directive (EMCD) 2014/30/EU (valid from 20.04.2016).

DCS880 Converter Modules include following types:

400V- modules

Type	Type
DCS880-S01-0020-04X	DCS880-S02-0025-04X
DCS880-S01-0045-04X	DCS880-S02-0050-04X
DCS880-S01-0065-04X	DCS880-S02-0075-04X
DCS880-S01-0090-04X	DCS880-S02-0100-04X
DCS880-S01-0135-04X	DCS880-S02-0150-04X
DCS880-S01-0180-04X	DCS880-S02-0200-04X
DCS880-S01-0225-04X	DCS880-S02-0250-04X
DCS880-S01-0270-04X	DCS880-S02-0300-04X
DCS880-S01-0315-04X	DCS880-S02-0350-04X
DCS880-S01-0405-04X	DCS880-S02-0450-04X
DCS880-S01-0470-04X	DCS880-S02-0520-04X
DCS880-S01-0610-04X	DCS880-S02-0680-04X
DCS880-S01-0740-04X	DCS880-S02-0820-04X
DCS880-S01-0900-04X	DCS880-S02-1000-04X
DCS880-S01-1190-04X	DCS880-S02-1190-04X
DCS880-S01-1200-04X	DCS880-S02-1200-04X
DCS880-S01-1500-04X	DCS880-S02-1500-04X
DCS880-S01-2000-04X	DCS880-S02-2000-04X
DCS880-S01-2500-04X	DCS880-S02-2500-04X
DCS880-S01-3000-04X	DCS880-S02-3000-04X
DCS880-S01-3300-04z	DCS880-S02-3300-04z
DCS880-S01-4000-04z	DCS880-S02-4000-04z
DCS880-S01-5200-04z	DCS880-S02-5200-04z

525V - modules

Type	Type
DCS880-S01-0020-05X	DCS880-S02-0025-05X
DCS880-S01-0045-05X	DCS880-S02-0050-05X
DCS880-S01-0065-05X	DCS880-S02-0075-05X
DCS880-S01-0090-05X	DCS880-S02-0100-05X
DCS880-S01-0135-05X	DCS880-S02-0150-05X
DCS880-S01-0180-05X	DCS880-S02-0200-05X
DCS880-S01-0225-05X	DCS880-S02-0250-05X
DCS880-S01-0270-05X	DCS880-S02-0300-05X
DCS880-S01-0315-05X	DCS880-S02-0350-05X
DCS880-S01-0405-05X	DCS880-S02-0450-05X
DCS880-S01-0470-05X	DCS880-S02-0520-05X
DCS880-S01-0610-05X	DCS880-S02-0680-05X
DCS880-S01-0740-05X	DCS880-S02-0820-05X
DCS880-S01-0900-05X	DCS880-S02-1000-05X
DCS880-S01-1190-05X	DCS880-S02-1190-05X
DCS880-S01-1200-05X	DCS880-S02-1200-05X
DCS880-S01-1500-05X	DCS880-S02-1500-05X
DCS880-S01-2000-05X	DCS880-S02-2000-05X
DCS880-S01-2050-05X	DCS880-S02-2050-05X
DCS880-S01-2500-05X	DCS880-S02-2500-05X
DCS880-S01-3000-05X	DCS880-S02-3000-05X
DCS880-S01-3300-05z	DCS880-S02-3300-05z
DCS880-S01-4000-05z	DCS880-S02-4000-05z
DCS880-S01-5200-05z	DCS880-S02-5200-05z
DCS880-T01-1200-05X	
DCS880-T01-1500-05X	
DCS880-T01-2000-05X	
DCS880-T01-2050-05X	DCS880-T02-2050-05X
DCS880-T01-2500-05X	
DCS880-T01-3000-05X	
DCS880-T03-2050-05X	
DCS880-T03-2500-05X	
DCS880-T03-3000-05X	

600V - modules

Type	Type
DCS880-S01-0290-06X	DCS880-S02-0320-06X
DCS880-S01-0590-06X	DCS880-S02-0650-06X
DCS880-S01-0900-06X	DCS880-S02-0900-06X
DCS880-S01-1500-06X	DCS880-S02-1500-06X
DCS880-S01-2000-06X	
DCS880-S01-2050-06X	DCS880-S02-2050-06X
DCS880-S01-2500-06X	DCS880-S02-2500-06X
DCS880-S01-3000-06X	DCS880-S02-3000-06X
DCS880-S01-3300-06z	DCS880-S02-3300-06z
DCS880-S01-4000-06z	DCS880-S02-4000-06z
DCS880-S01-4800-06z	DCS880-S02-4800-06z
DCS880-T01-2050-06X	DCS880-T02-2050-06X
DCS880-T01-2500-06X	
DCS880-T01-3000-06X	
DCS880-T03-2050-06X	
DCS880-T03-2500-06X	
DCS880-T03-3000-06X	

690V - modules

Type	Type
DCS880-S01-0900-07X	DCS880-S02-0900-07X
DCS880-S01-1500-07X	DCS880-S02-1500-07X
DCS880-S01-2000-07X	
DCS880-S01-2050-07X	DCS880-S02-2050-07X
DCS880-S01-2500-07X	DCS880-S02-2500-07X
DCS880-S01-3000-07X	DCS880-S02-3000-07X
DCS880-S01-3300-07z	DCS880-S02-3300-07z
DCS880-S01-4000-07z	DCS880-S02-4000-07z
DCS880-S01-4800-07z	DCS880-S02-4800-07z
DCS880-T01-0900-07X	
DCS880-T01-1500-07X	
DCS880-T01-2000-07X	
DCS880-T01-2050-07X	DCS880-T02-2050-07X
DCS880-T01-2500-07X	
DCS880-T01-3000-07X	
DCS880-T03-2050-07X	
DCS880-T03-2500-07X	
DCS880-T03-3000-07X	

800V - modules

Type	Type
DCS880-S01-1900-08X	DCS880-S02-1900-08X
DCS880-S01-2500-08X	DCS880-S02-2500-08X
DCS880-S01-3000-08X	DCS880-S02-3000-08X
DCS880-S01-3300-08z	DCS880-S02-3300-08z
DCS880-S01-4000-08z	DCS880-S02-4000-08z
DCS880-S01-4800-08z	DCS880-S02-4800-08z
DCS880-T01-1900-08X	DCS880-T02-1900-08X
DCS880-T01-2500-08X	
DCS880-T01-3000-08X	
DCS880-T03-1900-08X	
DCS880-T03-2500-08X	
DCS880-T03-3000-08X	

990V - modules

Type	Type
DCS880-S01-2050-10z	DCS880-S02-2050-10z
DCS880-S01-2600-10z	DCS880-S02-2600-10z
DCS880-S01-3300-10z	DCS880-S02-3300-10z
DCS880-S01-4000-10z	DCS880-S02-4000-10z

1190V - modules

Type	Type
DCS880-S01-2600-12z	DCS880-S02-2600-12z
DCS880-S01-3300-12z	DCS880-S02-3300-12z
DCS880-S01-4000-12z	DCS880-S02-4000-12z

X = standard

z = R (right) or L (left)

May be followed by any combination of 0Jxxx, 0Sxxx, +Jxxx, +Kxxx, +Lxxx, +Pxxx, +Qxxx, +Sxxx.